

=====

Sequence Listing was accepted.

If you need help call the Patent Electronic Business Center at (866)
217-9197 (toll free).

Reviewer: Keisha Douglas

Timestamp: [year=2009; month=2; day=18; hr=16; min=44; sec=55; ms=646;]

=====

Application No: 10708952 Version No: 4.0

Input Set:**Output Set:**

Started: 2009-02-03 10:15:11.162
Finished: 2009-02-03 10:55:01.783
Elapsed: 0 hr(s) 39 min(s) 50 sec(s) 621 ms
Total Warnings: 96858
Total Errors: 0
No. of SeqIDs Defined: 399831
Actual SeqID Count: 399831

Error code	Error Description
W 402	Undefined organism found in <213> in SEQ ID (7)
W 402	Undefined organism found in <213> in SEQ ID (13719)
W 402	Undefined organism found in <213> in SEQ ID (13720)
W 402	Undefined organism found in <213> in SEQ ID (13721)
W 402	Undefined organism found in <213> in SEQ ID (13722)
W 402	Undefined organism found in <213> in SEQ ID (13723)
W 402	Undefined organism found in <213> in SEQ ID (13724)
W 402	Undefined organism found in <213> in SEQ ID (13725)
W 402	Undefined organism found in <213> in SEQ ID (13726)
W 402	Undefined organism found in <213> in SEQ ID (13727)
W 402	Undefined organism found in <213> in SEQ ID (13728)
W 402	Undefined organism found in <213> in SEQ ID (13729)
W 402	Undefined organism found in <213> in SEQ ID (13730)
W 402	Undefined organism found in <213> in SEQ ID (13731)
W 402	Undefined organism found in <213> in SEQ ID (13732)
W 402	Undefined organism found in <213> in SEQ ID (13733)
W 402	Undefined organism found in <213> in SEQ ID (13734)
W 402	Undefined organism found in <213> in SEQ ID (13735)
W 402	Undefined organism found in <213> in SEQ ID (13736)
W 402	Undefined organism found in <213> in SEQ ID (13737)

Input Set:

Output Set:

Started: 2009-02-03 10:15:11.162

Finished: 2009-02-03 10:55:01.783

Elapsed: 0 hr(s) 39 min(s) 50 sec(s) 621 ms

Total Warnings: 96858

Total Errors: 0

No. of SeqIDs Defined: 399831

Actual SeqID Count: 399831

Error code	Error Description
	This error has occurred more than 20 times, will not be displayed
W 213	Artificial or Unknown found in <213> in SEQ ID (399739)
W 213	Artificial or Unknown found in <213> in SEQ ID (399740)
W 213	Artificial or Unknown found in <213> in SEQ ID (399741)
W 213	Artificial or Unknown found in <213> in SEQ ID (399742)
W 213	Artificial or Unknown found in <213> in SEQ ID (399743)
W 213	Artificial or Unknown found in <213> in SEQ ID (399744)
W 213	Artificial or Unknown found in <213> in SEQ ID (399745)
W 213	Artificial or Unknown found in <213> in SEQ ID (399746)
W 213	Artificial or Unknown found in <213> in SEQ ID (399747)
W 213	Artificial or Unknown found in <213> in SEQ ID (399748)
W 213	Artificial or Unknown found in <213> in SEQ ID (399749)
W 213	Artificial or Unknown found in <213> in SEQ ID (399750)
W 213	Artificial or Unknown found in <213> in SEQ ID (399751)
W 213	Artificial or Unknown found in <213> in SEQ ID (399752)
W 213	Artificial or Unknown found in <213> in SEQ ID (399753)

SEQUENCE LISTING

<110> ROSETTA GENOMICS LTD
Bentwich, Itzhak

<120> BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY VIRAL
AND VIRAL ASSOCIATED OLIGONUCLEOTIDES AND USES THEREOF

<130> 06087.0301.CPUS00

<140> 10708952

<141> 2004-04-02

<160> 399831

<170> PatentIn version 3.3

<210> 1

<211> 22

<212> RNA

<213> Homo sapiens

<400> 1

acugcacucc agccugggca ac

22

<210> 2

<211> 22

<212> RNA

<213> Homo sapiens

<400> 2

cacugcaacc uccaccuccu gg

22

<210> 3

<211> 22

<212> RNA

<213> Homo sapiens

<400> 3

cacugcacuc cagccugggc aa

22

<210> 4

<211> 22

<212> RNA

<213> Homo sapiens

<400> 4

caugcacuc cagccugggc aa

22

<210> 5

<211> 22

<212> RNA

<213>	Homo sapiens	
<400>	5	
	gcacucaagc cuggguuaca ga	22
<210>	6	
<211>	22	
<212>	RNA	
<213>	Dobrava virus	
<400>	6	
	uaguaguaga cuccgcaaga aa	22
<210>	7	
<211>	22	
<212>	RNA	
<213>	Eastern equine encephalitis virus	
<400>	7	
	caagucacug caaagaugcu uu	22
<210>	8	
<211>	22	
<212>	RNA	
<213>	Hepatitis E virus	
<400>	8	
	cgcagcggcg guuccggcgg ug	22
<210>	9	
<211>	22	
<212>	RNA	
<213>	Homo sapiens	
<400>	9	
	auugcacucc agccuggcaa ua	22
<210>	10	
<211>	22	
<212>	RNA	
<213>	Homo sapiens	
<400>	10	
	agcacaguga augguuuacu ca	22
<210>	11	
<211>	22	
<212>	RNA	
<213>	Homo sapiens	
<400>	11	

uuuggcaugg gcuauuugcu uu 22

<210> 12
<211> 21
<212> RNA
<213> Homo sapiens

<400> 12
gugcaacucc cucucccuac a 21

<210> 13
<211> 22
<212> RNA
<213> Homo sapiens

<400> 13
uaacaguggu cugugguauuc ug 22

<210> 14
<211> 21
<212> RNA
<213> Homo sapiens

<400> 14
ucacauggcc agaguaggaa c 21

<210> 15
<211> 23
<212> RNA
<213> Homo sapiens

<400> 15
uugaggcaug uaccaucaau auc 23

<210> 16
<211> 22
<212> RNA
<213> Homo sapiens

<400> 16
ugaccacaga aagugaggga gc 22

<210> 17
<211> 23
<212> RNA
<213> Homo sapiens

<400> 17
uccccgggag caccagcuug uug 23

<210>	18	
<211>	22	
<212>	RNA	
<213>	Homo sapiens	
<400>	18	
ugugcuaaua	cauacagugc	ua
		22
<210>	19	
<211>	22	
<212>	RNA	
<213>	Homo sapiens	
<400>	19	
ugaaauguug	ggugauggaa	uc
		22
<210>	20	
<211>	21	
<212>	RNA	
<213>	Homo sapiens	
<400>	20	
ucaaaguguu	cuuuuguuga	a
		21
<210>	21	
<211>	20	
<212>	RNA	
<213>	Homo sapiens	
<400>	21	
agaaccugua	guguagaggg	
		20
<210>	22	
<211>	22	
<212>	RNA	
<213>	Homo sapiens	
<400>	22	
ugauugcaca	ccugcacuca	ag
		22
<210>	23	
<211>	23	
<212>	RNA	
<213>	Homo sapiens	
<400>	23	
uuucacagaa	ggauuguagg	gcc
		23
<210>	24	
<211>	19	
<212>	RNA	

<213>	Homo sapiens	
<400>	24	
	auuuccugga gcuggucuc	19
<210>	25	
<211>	22	
<212>	RNA	
<213>	Homo sapiens	
<400>	25	
	uaagacacuu aaaauguuac au	22
<210>	26	
<211>	22	
<212>	RNA	
<213>	Homo sapiens	
<400>	26	
	auaugcauac auguaugcag ga	22
<210>	27	
<211>	22	
<212>	RNA	
<213>	Homo sapiens	
<400>	27	
	ucagaguagu uccuggcaga aa	22
<210>	28	
<211>	16	
<212>	RNA	
<213>	Homo sapiens	
<400>	28	
	agcagguuuu ucugca	16
<210>	29	
<211>	22	
<212>	RNA	
<213>	Homo sapiens	
<400>	29	
	gagaucauuc ugauccagag uc	22
<210>	30	
<211>	22	
<212>	RNA	
<213>	Homo sapiens	
<400>	30	

auugcucaca caaagccugu uu 22

<210> 31
<211> 22
<212> RNA
<213> Homo sapiens

<400> 31
uuuagcacug ugauugacaa aa 22

<210> 32
<211> 22
<212> RNA
<213> Homo sapiens

<400> 32
gugacugcau ccauccagge uu 22

<210> 33
<211> 23
<212> RNA
<213> Homo sapiens

<400> 33
augacacugu ccuugaccan uuc 23

<210> 34
<211> 22
<212> RNA
<213> Homo sapiens

<400> 34
guaugaccuc gcuuuauugc ag 22

<210> 35
<211> 22
<212> RNA
<213> Homo sapiens

<400> 35
ccauuucacu cuuccugaag ga 22

<210> 36
<211> 19
<212> RNA
<213> Homo sapiens

<400> 36
cuggcaaaug cuuuggcca 19

<210>	37	
<211>	22	
<212>	RNA	
<213>	Homo sapiens	
<400>	37	
uugagguggu	gucuugcucu	gu
		22
<210>	38	
<211>	22	
<212>	RNA	
<213>	Homo sapiens	
<400>	38	
augagguccu	agccaacuuu	uu
		22
<210>	39	
<211>	22	
<212>	RNA	
<213>	Homo sapiens	
<400>	39	
gagauauguu	ggcagcuggu	au
		22
<210>	40	
<211>	22	
<212>	RNA	
<213>	Homo sapiens	
<400>	40	
uuagauguuu	gacugggccu	ua
		22
<210>	41	
<211>	18	
<212>	RNA	
<213>	Homo sapiens	
<400>	41	
ugugcaauau	uaaccacc	
		18
<210>	42	
<211>	22	
<212>	RNA	
<213>	Homo sapiens	
<400>	42	
uauaggauuuc	auuagacuug	ag
		22
<210>	43	
<211>	22	
<212>	RNA	

<213>	Homo sapiens	
<400>	43	
uaaggcacua	cuuuaggcuu	uc
		22
<210>	44	
<211>	22	
<212>	RNA	
<213>	Homo sapiens	
<400>	44	
gccaguauuu	uguugagaau	uu
		22
<210>	45	
<211>	22	
<212>	RNA	
<213>	Homo sapiens	
<400>	45	
gagugcuguu	agcccugggu	uu
		22
<210>	46	
<211>	22	
<212>	RNA	
<213>	Homo sapiens	
<400>	46	
aaggagcaga	gagcccuguu	uc
		22
<210>	47	
<211>	22	
<212>	RNA	
<213>	Homo sapiens	
<400>	47	
uauuguagug	uuggaaaaca	ag
		22
<210>	48	
<211>	22	
<212>	RNA	
<213>	Homo sapiens	
<400>	48	
ggcaccacag	acgccaggcg	ug
		22
<210>	49	
<211>	22	
<212>	RNA	
<213>	Homo sapiens	
<400>	49	

agcacauuag uaucuaagaa ca 22

<210> 50
<211> 22
<212> RNA
<213> Homo sapiens

<400> 50
gggaggucau uguucaaugc ug 22

<210> 51
<211> 22
<212> RNA
<213> Homo sapiens

<400> 51
acuagagaug cauuuguagu uu 22

<210> 52
<211> 22
<212> RNA
<213> Homo sapiens

<400> 52
uggcaaaug gaauauguug gg 22

<210> 53
<211> 22
<212> RNA
<213> Homo sapiens

<400> 53
agugucagga gacagguagc ug 22

<210> 54
<211> 22
<212> RNA
<213> Homo sapiens

<400> 54
ucugagauca ugucugugcu gu 22

<210> 55
<211> 22
<212> RNA
<213> Homo sapiens

<400> 55
ggcucguguu uucuguccag uu 22

<210>	56	
<211>	22	
<212>	RNA	
<213>	Homo sapiens	
<400>	56	
uuggccgugu	cauuugcuuu	ga
		22
<210>	57	
<211>	22	
<212>	RNA	
<213>	Homo sapiens	
<400>	57	
guggaugaa	aacucucuca	ca
		22
<210>	58	
<211>	22	
<212>	RNA	
<213>	Homo sapiens	
<400>	58	
ggcaugaugu	auuugagguu	ug
		22
<210>	59	
<211>	22	
<212>	RNA	
<213>	Homo sapiens	
<400>	59	
uuguuauuu	aaacuacuga	aa
		22
<210>	60	
<211>	22	
<212>	RNA	
<213>	Homo sapiens	
<400>	60	
ccacaaccuc	aacagcaucu	au
		22
<210>	61	
<211>	22	
<212>	RNA	
<213>	Homo sapiens	
<400>	61	
aggugcaugc	uucacuggau	au
		22
<210>	62	
<211>	22	
<212>	RNA	

<213>	Homo sapiens	
<400>	62	
	ugcaaagucc ucauucuuac cc	22
<210>	63	
<211>	17	
<212>	RNA	
<213>	Homo sapiens	
<400>	63	
	gcacuggcgu auccac	17
<210>	64	
<211>	18	
<212>	RNA	
<213>	Homo sapiens	
<400>	64	
	uugaaugcgu cccagaga	18
<210>	65	
<211>	22	
<212>	RNA	
<213>	Homo sapiens	
<400>	65	
	uuauagcacu aagaagguaa ua	22
<210>	66	
<211>	22	
<212>	RNA	
<213>	Homo sapiens	
<400>	66	
	auuggcauau ccacgacaau gc	22
<210>	67	
<211>	22	
<212>	RNA	
<213>	Homo sapiens	
<400>	67	
	aaccuuuagu cagcucuuaag ga	22
<210>	68	
<211>	22	
<212>	RNA	
<213>	Homo sapiens	
<400>	68	

aguaaaucac uaauggcuuc cg 22

<210> 69
<211> 22
<212> RNA
<213> Homo sapiens

<400> 69
gugaauguaa agucauguga cu 22

<210> 70
<211> 22
<212> RNA
<213> Homo sapiens

<400> 70
augugguagu uauagugaua ag 22

<210> 71
<211> 22
<212> RNA
<213> Homo sapiens

<400> 71
uaagugaugu cuuuuugugu gc 22

<210> 72
<211> 22
<212> RNA
<213> Homo sapiens

<400> 72
ugacaagacu acauauccca uu 22

<210> 73
<211> 21
<212> RNA
<213> Homo sapiens

<400> 73
uauggcuuag ucaguguuuc c 21

<210> 74
<211> 22
<212> RNA
<213> Homo sapiens

<400> 74
uuuugcucuu cggaagagcu ug 22

<210> 75
<211> 22
<212> RNA
<213> Homo sapiens

<400> 75
uuggagugug agagcagccu gg 22

<210> 76
<211> 22
<212> RNA
<213> Homo sapiens

<400> 76
cugcagucau cugaagauuu ug 22

<210> 77
<211> 22
<212> RNA
<213> Homo sapiens

<400> 77
uacaggacua uagaacuuuc cc 22

<210> 78
<211> 22
<212> RNA
<213> Homo sapiens

<400> 78
cauacaguag gcacuauuug ua 22

<210> 79
<211> 22
<212> RNA
<213> Homo sapiens

<400> 79
gugcaagugu aaucacagcua gg 22

<210> 80
<211> 22
<212> RNA
<213> Homo sapiens

<400> 80
uucuaaguaa gucugugggg aa 22

<210> 81
<211> 22
<212> RNA

<213> Homo sapiens

<400> 81
ugcuagaugc uguagggauu ua 22

<210> 82
<211> 22
<212> RNA
<213> Homo sapiens

<400> 82
augaagugca uguaguugg uu 22

<210> 83
<211> 22
<212> RNA
<213> Homo sapiens

<400> 83
ugcagagaaa cauuuuguau uu 22

<210> 84
<211> 20
<212> RNA
<213> Homo sapiens

<400> 84
guaacagcac uuucccaaag 20

<210> 85
<211> 22
<212> RNA
<213> Homo sapiens

<400> 85
cuugccuaau cugcaugauu uu 22

<210> 86
<211> 22
<212> RNA
<213> Homo sapiens

<400> 86
uguaacagua guuacuauuc uu 22

<210> 87
<211> 22
<212> RNA
<213> Homo sapiens

<400> 87

gcacaguggc ucccgucuau aa 22

<210> 88
<211> 22
<212> RNA
<213> Homo sapiens

<400> 88
gugcauaugc augugcaugc ac 22

<210> 89
<211> 22
<212> RNA
<213> Homo sapiens

<400> 89
uugaggaug ucauuugugu uu 22

<210> 90
<211> 17
<212> RNA
<213> Homo sapiens

<400> 90
auaugaauuu uggagau 17

<210> 91
<211> 22
<212> RNA
<213> Homo sapiens

<400> 91
auagcagacc accucuccca cu 22

<210> 92
<211> 22
<212> RNA
<213> Homo sapiens

<400> 92
gaaugauacu guuaacgaaa ga 22

<210> 93
<211> 22
<212> RNA
<213> Homo sapiens

<400> 93
auucauggga gcuacuuuaa aa 22

<210>	94	
<211>	22	
<212>	RNA	
<213>	Homo sapiens	
<400>	94	
gugaguuauu auuuauguaa ac		22
<210>	95	
<211>	22	
<212>	RNA	
<213>	Homo sapiens	
<400>	95	
uugugaauga ugccgcaua aa		22
<210>	96	
<211>	22	
<212>	RNA	
<213>	Homo sapiens	
<400>	96	
uugugaaugg ugccgcagua aa		22
<210>	97	
<211>	22	
<212>	RNA	
<213>	Homo sapiens	
<400>	97	
guguaaauga gugcugaagg ag		22
<210>	98	
<211>	22	
<212>	RNA	
<213>	Homo sapiens	
<400>	98	
gucuccggau guuguuuuug gg		22
<210>	99	
<211>	20	
<212>	RNA	
<213>	Homo sapiens	
<400>	99	
acugcacucc agucucuggg		20
<210>	100	
<211>	22	
<212>	RNA	

<213>	Homo sapiens	
<400>	100	
	ucuggcucca aagucuauuu uu	22
<210>	101	
<211>	22	
<212>	RNA	
<213>	Homo sapiens	
<400>	101	
	uggaguauua uguauuuuca au	22
<210>	102	
<211>	20	
<212>	RNA	
<213>	Homo sapiens	
<400>	102	
	uagccgggug uugugucaug	20
<210>	103	
<211>	22	
<212>	RNA	
<213>	Homo sapiens	
<400>	103	
	acacuguuuu aguauuuaua gc	22
<210>	104	
<211>	22	
<212>	RNA	
<213>	Homo sapiens	
<400>	104	
	guaacaccag uuauaucagu uc	22
<210>	105	
<211>	22	
<212>	RNA	
<213>	Homo sapiens	
<400>	105	
	uauuguuuuc ucuuacgugu ug	22
<210>	106	
<211>	22	
<212>	RNA	
<213>	Homo sapiens	
<400>	106	

augaugcagu acuuugggaa ca 22

<210> 107
<211> 21
<212> RNA
<213> Homo sapiens

<400> 107
uugagacgga gucucacucu g 21

<210> 108
<211> 22
<212> RNA
<213> Homo sapiens

<400> 108
uaaguaauug ugguuuuugc ca 22

<210> 109
<211> 22
<212> RNA
<213> Homo sapiens

<400> 109
agaugcauuu uuauuggaau ac 22

<210> 110
<211> 22
<212> RNA
<213> Homo sapiens

<400> 110
ggcaaggauu agauucuccc cu 22

<210> 111
<211> 22
<212> RNA
<213> Homo sapiens

<400> 111
cacagaguga gaccugucu cu 22

<210> 112
<211> 22
<212> RNA
<213> Homo sapiens

<400> 112
aucacagugg cucacaagag cc 22

<210>	113	
<211>	22	
<212>	RNA	
<213>	Homo sapiens	
<400>	113	
auggcagaau caagccgaca gc		22
<210>	114	
<211>	22	
<212>	RNA	
<213>	Homo sapiens	
<400>	114	
gggauguuuu auacugagcc ug		22
<210>	115	
<211>	22	
<212>	RNA	
<213>	Homo sapiens	
<400>	115	
gacucagucu uggauuuuua au		22
<210>	116	
<211>	22	
<212>	RNA	
<213>	Homo sapiens	
<400>	116	
uaugcuuguu uauuuuaagaa ac		22
<210>	117	
<211>	22	
<212>	RNA	
<213>	Homo sapiens	
<400>	117	
guccaguguu ggagguuuua cc		22
<210>	118	
<211>	22	
<212>	RNA	
<213>	Homo sapiens	
<400>	118	
uucaucaggg agaaauaauu uc		22
<210>	119	
<211>	22	
<212>	RNA	

<213> Homo sapiens

<400> 119

uuggaaggcu gaauggccuc uc